

ATTACHMENT J51

# Vance AFB Metering Plan

## J51.1 Electric Distribution System Metering

### J51.1.1 Existing Electric Sub-Meters

**Table 1** provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3.3 and J1.6 below:

**TABLE 1**  
 Existing Sub-Meters  
*Electric Distribution System - Vance AFB*

Bldg No.	Facility Function	Square Feet
113	Vehicle Refueling Maint.	4,368
119	AGE Corrosion Control	1,104
128	Field Maintenance	43,644
129	ACFT Maint. Hangar	23,543
130	Shp Non-Destr Insp	6,008
140	Fire station	15,402
141	ACFT Maint Hangar	59,633
155	Base Ops	9,925
170-1	Hangar Maint	25,141
170-2	ACFT Maint. Hangar	*
171	Life Support	6,004
174	T-1 Combs Whse	17,760
179	Flt Tng Upt	22,396
183	Flt Tng Upt	24,831
187	Shop A/C Maint	31,760
192	A/C Corrosion Cntrl	5,953
193	Indust. Wst Trt Bldg	1,681
195	ACFT Maint. Hangar	36,650
243N	Whse Sup & Equip	20,286
243S	Whse Sup & Equip	*
244E	Whse Sup & Equip	30,571
244W	Whse Sup & Equip	*
248	CE Admin	10,675
258	Grndwater Trtmt Facility	4,800
288	BCE Complex	54,500
293	Vehicle Maint Complex	33,304
314	ADMIN	11,899
316	Gymnasium	15,148
323	Youth Center	7,009
345	Bowling Center	7,800
410	Commissary	34,303
412	Tinker Credit Union	1,431
413	Central Nat'l Bank	1,400
415	Base Exchange	34,853

Bldg No.	Facility Function	Square Feet
421	UEQ	25,146
423	UEQ	25,146
455	ADMIN	15,683
500	Wing HQ Admin	45,690
518	ADMIN	6,150
522	BX Service Station	1,296
528	Chapel Annex	7,195
541	Flt Tng Upt	13,231
600	Non-AF Admin	9,319
601	Collocated club	11,755
606	ADMIN	10,099
641W	UOQ	10,945
641E	UOQ	10,945
642W	UOQ	11,120
642E	UOQ	11,120
643W	UOQ	11,120
643E	UOQ	11,120
644W	UOQ	10,945
644E	UOQ	10,945
645W	UOQ	10,945
645E	UOQ	10,945
646	Heat Plant	1,741
690	TLF	26,652
713	VOQ	15,776
795	Air Traffic Control	9,995
810	AF Clinic	32,746
826	Physiological Training	7,824
CASS1	Central Aircraft Strt Sys	N/A
CASS2	Central Aircraft Strt Sys	N/A
Circuit 1	KVAR	N/A
Circuit 1	KWH	N/A
Circuit 2	KWH	N/A
Circuit 3	KWH	N/A
Circuit 4	KWH	N/A
TELO	Southwestern Bell	N/A
	TOTAL - 69 METERS	

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#### 4 J51.1.2 Required New Electric Sub-Meters

5 The Contractor shall install and calibrate new secondary meters as listed in **Table 2**. New  
 6 secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation,  
 7 the Contractor shall maintain and read these meters IAW Paragraph C.3.3 and J1.6 below:

8 **TABLE 2**

9 New Sub-Meters

10 *Electric Distribution System – Vance AFB*

Meter Location	Meter Description
The Installation has identified no new, specific secondary meter requirements.	

## J51.2 Natural Gas Distribution System Metering

### J51.2.1 Existing Natural Gas Sub-Meters

Table 3 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. Meters are all low-pressure meters, working off the system distribution at 16 psig. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3.3 and J2.6 below.

**TABLE 3**  
 Existing Sub-Meters  
 Natural Gas Distribution System – Vance AFB

Bldg No.	Facility Function	Square Feet
128	Shop A/C Gen Purp	43,600
130	Shop Non-Destr Insp	6,008
140	Fire station	15,402
141	Hangar Maint	59,633
155	Base Ops	9,925
170	Hangar Maint	25,141
171	Life Support	6,004
174	Combs Whse	17,760
179	Flt Tng UPT	22,396
183	Flt Tng UPT	24,831
187	Shop A/C Maint	31,760
192	A/C Corrosion Cntrl	5,953
193	Wst Trt Bldg	1,681
195	Hangar Maint	36,650
243	Whse Sup & Equip	20,286
244	Whse Sup & Equip	30,571
248	CE Admin	10,675
258	Grndwater Trtmt	4,800
288	BCE Complex	54,500
293	Veh Maint Complex	33,304
314	Library	11,899
316	Gymnasium	15,148
323	Youth Center	7,009
345	Bowling Center	7,800
410	Commissary	34,303
412	Tinker Credit Union	1,431
413	Central Nat'l Bank	1,400
415	Base Exchange	34,853
421	UEQ	25,146
423	UEQ	25,146
455	Vancello's	15,683
500	Wing HQ Admin	45,690

Bldg No.	Facility Function	Square Feet
518	Logistics Center	6,150
522	BX Service Station	1,296
527	Security Forces	8,336
528	Chapel Annex	7,195
541	Flt Tng Upt	13,231
542	Shop Surv Equip	8,991
600	Non-AF Admin	9,319
641-646	UOQ	112,002
672	Flight Simulator Trng	87,923
690	Flight Training	26,652
708	Vance Club	20,524
713	VOQ	15,776
790	TLF	4,758
795	Rapcon Center	9,995
810	AF Clinic	32,746
811	Ambulance Shelter	2,678
826	Physiological	7,824
MFH	MFH North Gas	N/ A
MFH	MFH South Gas	N/ A
	TOTAL – 51 METERS	

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## 2 J51.2.2 Required New Natural Gas Sub-Meters

3 The Contractor shall install and calibrate new secondary meters as listed in **Table 4**. New  
 4 secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation,  
 5 the Contractor shall maintain and read these meters IAW Paragraphs C.3.3 and J2.6 below.

6 **TABLE 4**  
 7 New Sub-Meters  
 8 *Natural Gas Distribution System – Vance AFB*

Meter Location	Meter Description
<b>Note: The installation has identified no new, specific secondary meter requirements.</b>	

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## J51.3 Water Distribution System Metering

### J51.3.1 Existing Water Sub-Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3.3 and J3.6 below.

**Table 5**  
Existing Water Sub-Meters  
*Water Distribution System – Vance AFB*

Bldg No.	Facility Function	Square Feet
410	Commissary	33,300
415	BX Complex	34,900

### J51.3.2 Required New Water Sub-Meters

The Contractor shall install and calibrate new secondary meters as listed in Table 6. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3.3 and J3.6 below.

**Table 6**  
New Water Sub-Meters  
*Water Distribution System – Vance AFB*

Meter Location	Meter Description
<b>Note: The Installation has identified no new, specific secondary meter requirements. (The MFH area should be metered for billing purposes. However installation of this meter should be included in the MFH MILCON project.) Water usage by other reimbursing customers is minimal. Estimated usage is apparently a satisfactory arrangement with the customers and the Installation.</b>	

## 1 J51.4 Wastewater Collection System Metering

### 2 J51.4.1 Existing Wastewater Sub-Meters

3 There is no metering of wastewater other than the City-owned master meter used to  
4 measure total wastewater flow from the Installation.

5 **Table 7**  
6 Existing Wastewater Sub-Meters  
7 Wastewater System – Vance AFB

Meter Location	Size and Type of Meter
None	

### 8 J51.4.2 Required New Wastewater Sub-Meters

9 There are no known requirements for additional metering devices.

10 **Table 8**  
11 New Wastewater Sub-Meters  
12 Wastewater System – Vance AFB

Meter Location	Comments
None	

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